

1/12/2018

Print



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	
P0038737	MES002-VC	1	1	Net 30	M304TS0.750W.049	304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				1,000	1/15/2018	1,000		S031853	Stock	1/12/2018	\$ 3.80 / ft	0		
		2			M304TS0.750W.065	304 Sq Tube .75X.75X.065W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				500		500		S031854	Stock	1/12/2018	\$ 2.75 / ft	0		
Total:										1,500		1,500								\$4

Plex 1/12/2018 2:26 PM Dart Dubois Pascal

## Shipping Order

10/01/2018

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7  
Tel.: 450 641-3330

Order : 131781  
Reference : 38737  
Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

## Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SSQT34340494	304 SQ TUBE .750 X .049 WALL 50 x 20' *** ht:ake040273	1000	1000	φ
SSQT34340654	TUBE SS304 180 GRIT 3/4" X 3/4" X .065" 25 x 20' *** ht:5517363	500	500	φ
	ship journey collect jp			

Shipping : \_\_\_\_\_  
Package No : \_\_\_\_\_

Ref. : \_\_\_\_\_

Merchandise Received: \_\_\_\_\_

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7  
Tel.: 450 641-3330

Shipping Order 10/01/2018

Order : 131781  
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Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

Ship To

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Tel.: 1 613 632-3336

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SSQT34340494	304 SQ TUBE .750 X .049 WALL 50 x 20' *** ht,ake040273	1000	<u>1000</u>	<u>Ø</u>
SSQT34340654	TUBE SS304 180 GRIT 3/4" X 3/4" X .065" 25 x 20' ***** ht;5517363	500	<u>500</u>	<u>Ø</u>

ship journey collect  
jp



Shipping : \_\_\_\_\_  
Package No : \_\_\_\_\_

Ref. : \_\_\_\_\_

Merchandise Received: \_\_\_\_\_



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO038737**

**Supplier:** MES002-VC  
Metaux Solutions  
2625 boul Jacques-Cartier Est  
Longueuil  
QC  
J4N 1L7 Canada  
Phone: 800 558 8858  
Fax: 514 633 8044

**PO No:** PO038737

**PO Date:** 1/8/18

**Due Date:** 1/15/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
Phone: clavoie@dartaero.com

**E-MAILED**  
JAN 09 2018

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304TS0.750W.049		304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	1/15/18	1,000 ft	0 ft	1,000 ft	\$3.80/ft	\$3,800.00
2	M304TS0.750W.065		304 Sq Tube .75X.75X.065W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	1/15/18	500 ft	0 ft	500 ft	\$2.75/ft	\$1,375.00

**Grand Total:** \$5,175.00

## Order Notes

### Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 1/8/18 9:31 AM dart.lavoie.chantal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## PURCHASE ORDER PO038737

**Supplier:** MES002-VC  
Metaux Solutions  
2625 boul Jacques-Cartier Est  
Longueuil  
QC  
J4N 1L7 Canada  
Phone: 800 558 8858  
Fax: 514 633 8044

**PO No:** PO038737

**PO Date:** 1/8/18

**Due Date:** 1/15/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

Items <span style="float: right;">50</span>										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304TS0.750W.049		304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	1/15/18	1,000 ft	0 ft	1,000 ft	\$3.80/ft	\$3,800.00
2	M304TS0.750W.065		304 Sq Tube .75X.75X.065W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	1/15/18	500 ft	0 ft	500 ft 15	\$2.75/ft	\$1,375.00
<b>Grand Total:</b>									<b>\$5,175.00</b>	

### Order Notes

#### Procurement Quality Clauses

- A005 right of entry
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Plex 1/8/18 9:31 AM dart.lavoie.chantal

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304T50.730 W.049

PO / BATCH NO.: 088737

DATE: JAN 12 2018

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: W.049

QUANTITY RECEIVED: 1000"

THICKNESS RECEIVED: W.049

QUANTITY INSPECTED: 1000"

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	Astm A314-16
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	Heat # 040273
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 JAN 12 2018</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# Kingmaker Steel Co., Inc.

## Stainless Steel Tube and Pipe

133 Belmont Drive, Somerset, NJ 08873-1203  
Tel.: (732) 302-1800, Fax: (732) 302-1822

Date: 11/9/2017  
Invoice No: KM2017/2620  
Purchase P008957-1  
Order No:  
Sold To:

### Material Certification

ISO 9001:2015  
ISO 14001:2004  
EN 10204/3.1B

Ship To:

Stainless Steel T.I.G. Welded Tubing.

Country of Melt: Taiwan, Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3/4" SQ X 0.049"W X 20'	AKE040273	MF	ASTM A554-16	MT-304
2:	5/8" SQ X 0.065"W X 20'	5D317	180G	ASTM A554-16	MT-304
3:	2-1/2" SQ X 0.120"W X 20'	TBG112661	MF	ASTM A554-16	MT-304
4:	3" SQ X 0.250"W X 20'	TBH090322	MF	ASTM A554-16	MT-304
5:	1-1/2" SQ X 0.125"W X 20'	5E382	MF	ASTM A554-16	MT-316/L

### CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu
1:	.040	.510	1.08	.029	.014	18.10	8.14			
2:	.019	.350	1.36	.028	.001	18.26	8.05			
3:	.016	.370	1.04	.024	.003	18.37	8.04			
4:	.022	.460	0.85	.029	.005	18.02	8.11			
5:	.019	.350	1.39	.031	.007	16.74	10.03			

### MECHANICAL PROPERTIES

	Tensile (N/mm2)	Yield (N/mm2)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	673.00	235.00	46.00	82.80			
2:	646.00	322.00	53.00	85.00			
3:	651.00	289.00	52.00	83.00			
4:	633.00	305.00	54.00	87.00			
5:	623.00	314.00	47.00	82.00			

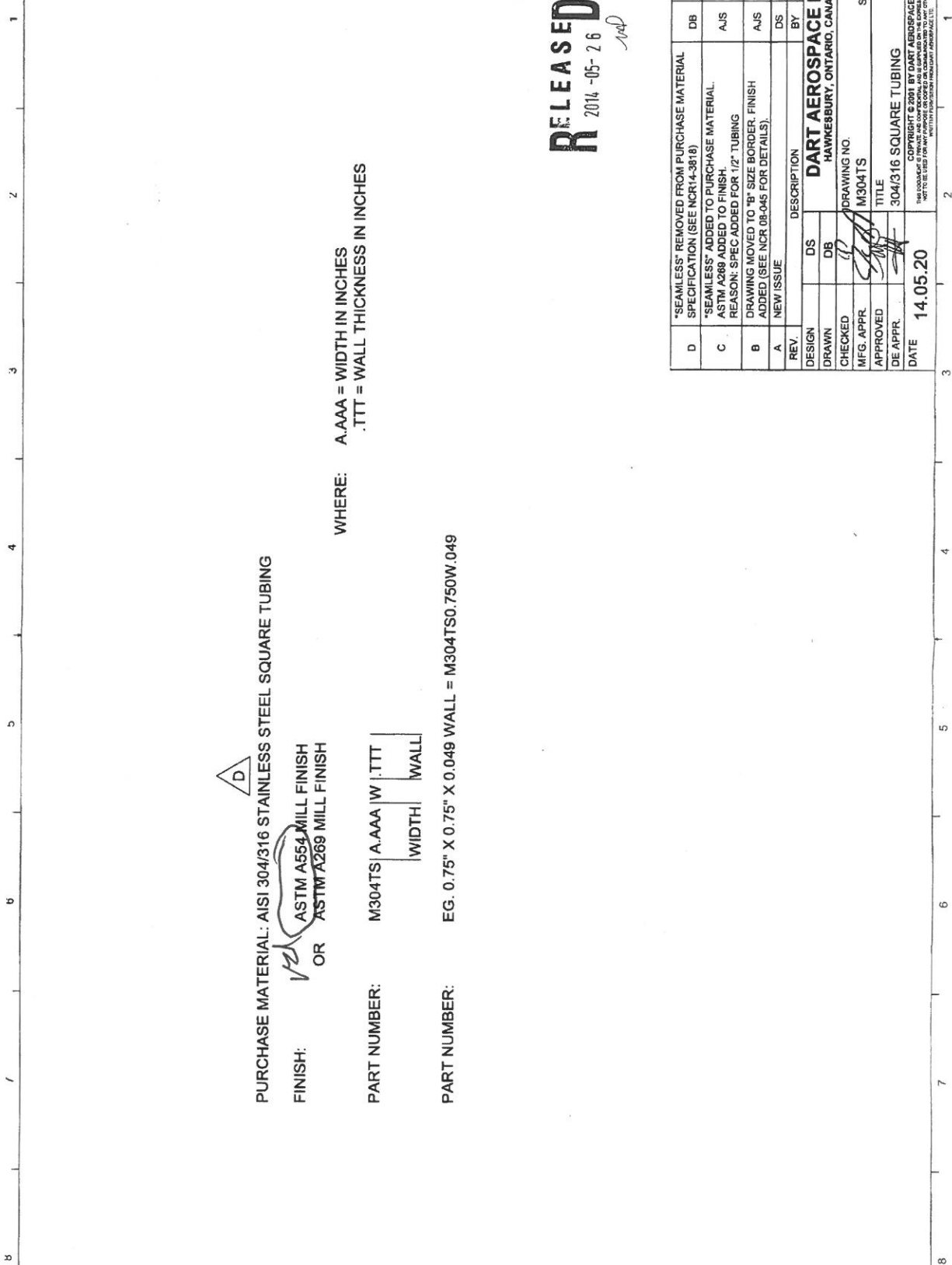
WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

Page: 1/2

Carrie Wang  
Authorized Signature

11/9/2017

Date



PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING



FINISH: 1/2 ASTM A554 MILL FINISH  
OR ASTM A269 MILL FINISH

WHERE: A.AAA = WIDTH IN INCHES  
.TTT = WALL THICKNESS IN INCHES

PART NUMBER: M304TS | A.AAA | W | .TTT |  
| WIDTH | WALL |

PART NUMBER: EG. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

RELEASED  
R 2014-05-26

D	"SEAMLESS" REMOVED FROM PURCHASE MATERIAL SPECIFICATION (SEE NCR14-3818)				DB	14.05.20
C	"SEAMLESS" ADDED TO PURCHASE MATERIAL. ASTM A268 ADDED TO FINISH. REASON: SPEC ADDED FOR 1/2" TUBING				AJS	08.10.16
B	DRAWING MOVED TO "B" SIZE BORDER. FINISH ADDED (SEE NCR 08-045 FOR DETAILS).				AJS	08.08.28
A	NEW ISSUE				DS	01.06.08
REV.	DESCRIPTION				BY	DATE
DESIGN	DS		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA			
DRAWN	DB					
CHECKED	LP					
MFG. APPR.	M304TS					
APPROVED						
DE APPR.			304/316 SQUARE TUBING			
DATE	14.05.20		SCALE NONE			
REV. D DRAWING NO. M304TS SHEET 1 OF 1						
COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS TO BE USED FOR THE PURPOSES OF THE PROJECT ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.						



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304H50.780W.065

PO / BATCH NO.: 038737/5031854

DATE: JAN 12 2018

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 500'  
 QUANTITY INSPECTED: 500'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: W.065  
 THICKNESS RECEIVED: W.065  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	<u>Aston A554</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>Heat # 5517363</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> DATE: <u>9-89</u> <u>JAN 12 2018</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

FINISH:

ASTM A554 MILL FINISH  
OR  
ASTM A269 MILL FINISH

PART NUMBER:

M304TS | A.AAA | W | TTT  
| WIDTH | WALL |

PART NUMBER:

EG. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

WHERE: A.AAA = WIDTH IN INCHES  
.TTT = WALL THICKNESS IN INCHES

RELEASED  
R 2014-05-26

D	"SEAMLESS" REMOVED FROM PURCHASE MATERIAL SPECIFICATION (SEE NCR14-3816)	DB	14.05.20
C	"SEAMLESS" ADDED TO PURCHASE MATERIAL. ASTM A269 ADDED TO FINISH. REASON: SPEC ADDED FOR 1/2" TUBING	AJS	08.10.18
B	DRAWING MOVED TO "B" SIZE BORDER FINISH ADDED (SEE NCR 08-045 FOR DETAILS).	AJS	08.08.28
A	NEW ISSUE	DS	01.08.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DB		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	14.05.20		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
REV. D DRAWING NO. M304TS SHEET 1 OF 1			
TITLE 304/316 SQUARE TUBING			
SCALE NONE			
DATE 14.05.20			
COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES SPECIFIED ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION FROM DART AEROSPACE LTD.			

# GLOBAL STAINLESS

Steel Inc.

"Stainless without Borders"

## Mill Test Certificate

ASTM A554

### Description:

Stainless Steel Ornamental Tube

### Heat #

5517363

### Grade/Finish:

304 / 180 GRIT

### Quantity

980 FT

### Dimension

0.065" X 0.75" X 0.75" X 240"

### Origin:

China

### Chemical Composition (Coil MTR)

C	SI	Mn	P	S	Cr	NI
0.0240	0.3800	1.0400	0.0340	0.0060	18.0800	8.0300

### Mechanical Composition (Coil MTR)

Yield	Tensile	Elongation
KSI	KSI	(%)
45	89	47

### Remarks:

- 1) Material is Free from Mercury Contamination.
- 2) No Weld Repairs.
- 3) Dimensions / Visual Inspected.

Global certifies that the products described have been manufactured in accordance with the standards and specifications noted above.